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TITLE:TILTING HINGE FOR OA APPARATUS

Abstract:

PROBLEM TO BE SOLVED: To provide a tilting hinge for OA apparatus capable of giving a change to the friction torque while a display is in the opening/closing operation.

SOLUTION: A tilting hinge for OA apparatus is composed of a wind-tight part 3 having wind-tight piece 3a and a wind-in part 4 installed on a bearing plate 1b on the side with device body in such a way as possessing the axis commonly, a fastening screw 6 to engage the wind-tight piece with the bearing plate, and a rotary shaft 7 including a sub-torque generating part 7c and a main torque generating part 7b installed on the side with the display, wherein the main torque generating part is inserted in the wind-tight part while the sub-torque generating part is inserted in the wind-in part, and the main friction torque is generated by tightening the main torque generating part of the rotary shaft with the wind-tight piece of the wind-tight part, while a sub-friction torque is generated by fitting by pressure the sub-torque generating part of the rotary shaft into the wind-in part.

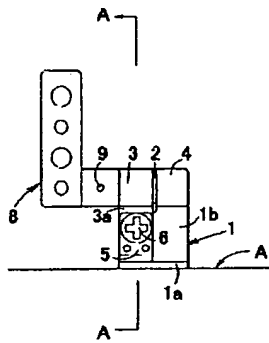
を説明する説明図である。

【符号の説明】

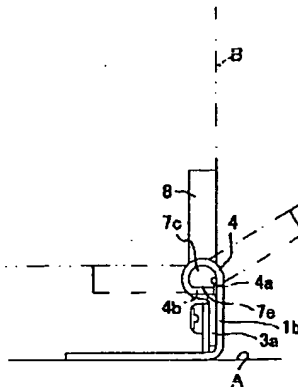
A 装置本体
B ディスプレー体
1 取付部材
1a 取付プレート
1b 軸受プレート
1c 雌ネジ部
2 割り溝
3 巻絞め部
3a 巻絞め片
3b 軸受孔
4 巻込み部

4a 軸受孔
4b 平坦部
5 ワッシャー
6 締付ネジ
7 回転シャフト
7a 取付部
7b メイントルク発生部
7c サブトルク発生部
7d 油溜溝
7e 平坦部
7f 鋸部
8 ブラケット
9 ピン

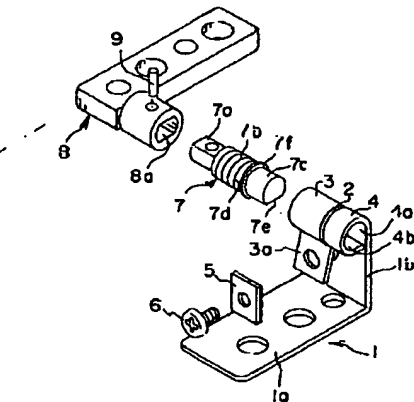
【図1】



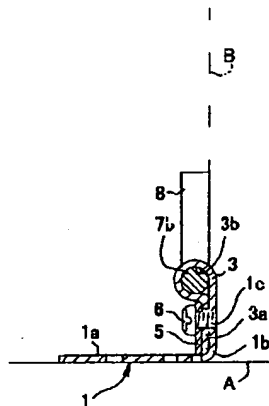
【図2】



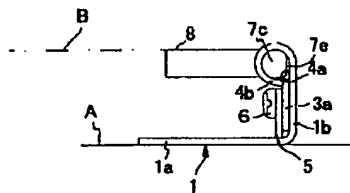
【図3】



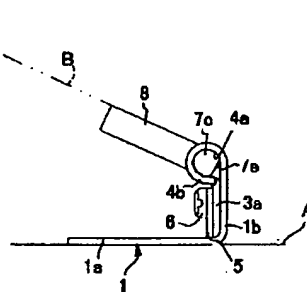
【図4】



【図5】



【図6】



【手続補正書】

【提出日】平成12年11月17日(2000. 11. 17)

【手続補正1】

【補正対象書類名】図面

【補正対象項目名】図3

【補正方法】変更

【補正内容】

【図3】

